

BEVERLY HILLS EDUCATION FOUNDATION

SUPPORTING BEVERLY HILLS PUBLIC EDUCATION

BHEF VIRTUAL Summer Academy 2021 **HIGH SCHOOL PROGRAM**

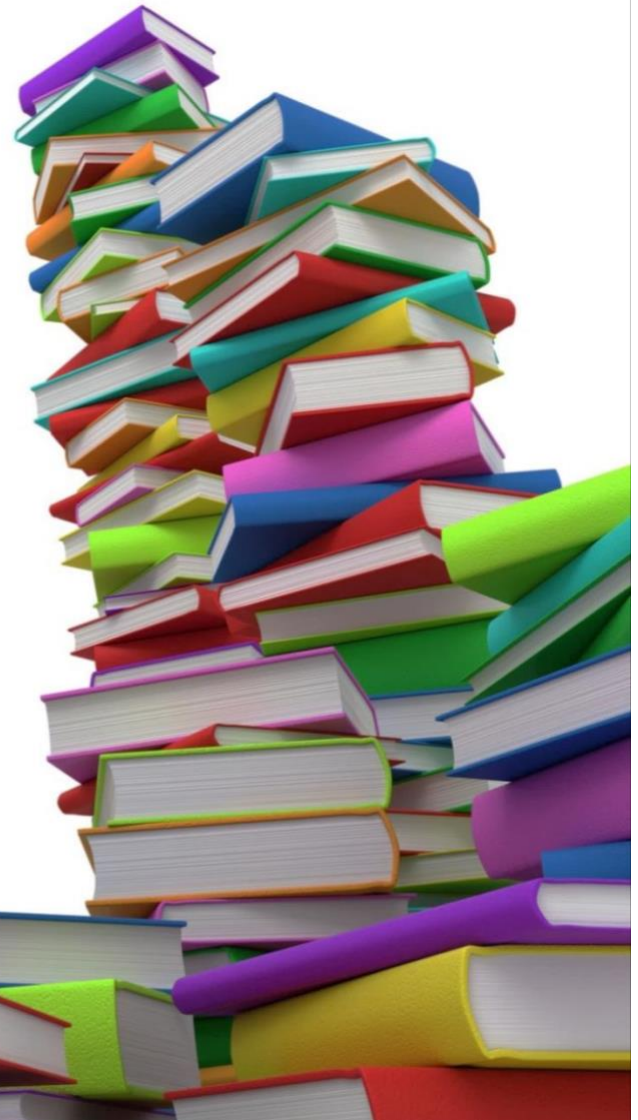
for High School Students, Incoming Grades 9-12



Semester Dates:

Semester 1 **June 21 – July 7**
(No class July 5)

Semester 2 **July 8 – July 23**



Beverly Hills Education Foundation
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BHEF **VIRTUAL** Summer Academy 2021 High School Program

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BHEF **VIRTUAL** Summer Academy 2021 High School Program

POLICIES AND CONDITIONS

These policies and conditions are subject to change. Please visit www.bhef.org for the latest information.

Refund Policy

All requests for refunds must be in strict compliance with the deadlines below and must be made in writing by emailing the Summer Academy at office@bhef.org. **There are no exceptions to this policy.**

If BHEF Summer Academy cancels a class, you will receive a full refund.

If you wish to withdraw from a class, our Refund Policy is as follows:

- Requests received by **May 28, 2021** will be honored for a partial refund of **50%**, less a **\$100.00** processing fee.
- **No refund requests will be considered after May 28, 2021. No exceptions to this policy.**

Attendance Policy

- All students **MUST** virtually attend the **FIRST** and **LAST** day of their assigned summer school class, including orientation for appropriate learning platforms. If a student is signed up for a two-semester class, the student **MUST** attend the **FIRST** and **LAST** days of both semesters.
- Students in Independent Learning classes **MUST** attend the **FIRST** and **LAST** day of their assigned summer school class as well as attend scheduled meetings with their teacher during the semester. Any student who does not meet with his/her teacher at their scheduled times will fail the course.
- All students must follow the terms outlined on the course syllabus.
- There are no excused absences during summer school. Students will be dropped from classes if they are absent for **MORE THAN 1 DAY PER SESSION**.
- Students who expect to earn full credit must attend the entire summer session.
- Four tardies (of three or more minutes) will count as one full absence (per session).
- Any student not in attendance on the first day will be dropped in favor of a student on the waiting list.
- Any student not in attendance on the last day will not pass the class and/or receive credit.
- There are no refunds if a student is dropped due to non-compliance with the Attendance Policy.

There are no exceptions to this policy.

Class Cancellations

There must be at least 15 students enrolled in a Live Instruction class for the class to take place during the Summer Academy. If there are under 15 students enrolled before the end of the registration period, the class will most likely be cancelled and your tuition fees will be refunded in full. Should a class be cancelled, we apologize for the inconvenience in advance.

Credit Recovery Classes

If a student is recommended by their counselor to take one or both semesters of classes such as Algebra, Biology, Chemistry, English, Physics, U.S. History, World History/Geography, please note that this is strictly for **credit recovery** purposes. Students taking two-semester classes **MUST** take both semesters unless a student is making up one or both semesters due to a failing grade during the regular school year.

BHEF **VIRTUAL** Summer Academy 2021 High School Program

COURSE DESCRIPTIONS

Please consult with your guidance counselor before registering. Eligibility is determined by the grade you are entering in Fall 2021. (All class offerings are subject to policies and conditions.)

VIRTUAL SUMMER SCHOOL

LIVE INSTRUCTION & INDEPENDENT LEARNING

The BHEF Summer Academy is excited to offer Virtual Summer School! In light of recent events, this year's summer academy will be deployed entirely online using either Live Instruction or Independent Learning.

Live Instruction utilizes Google Classroom as the curriculum delivery platform to engage students using a variety of instructional strategies, such as online face-to-face live (Google Hangout/Meet/Zoom), watching live instruction using slides, watching videos of teachers prerecorded, workbook time, independent work, project work, group work, online resources (YouTube/Khan Academy/other video platforms), etc. These courses will be taught by a certificated BHUSD teacher.

Semester 1 9:00 am – 2:00 pm, 12 days, June 21 – July 7, Monday – Friday (No class July 5)

Semester 2 9:00 am – 2:00 pm, 12 days, July 8 – July 23, Monday – Friday

Students must virtually attend the first and last day of class and follow any policy or terms outlined in their instructor's syllabus. **THERE ARE NO EXCEPTIONS.** Students can utilize BHUSD laptops. Students are responsible for arranging their own internet access in order to access these courses. **Live Instruction courses are open to BHUSD AND Out-of-District Students.**

Independent Learning is an instructional strategy in which students work independently while under the supervision of a certificated teacher. Students will be required to complete all curriculum and assessments through the platform with the support of an assigned teacher. The teacher will meet with students individually via technology to help mentor, tutor and keep students organized. Students will follow the District's adopted curriculum which meets the District's graduation requirements. Independent Learning offers flexibility to meet individual student needs, interests, and styles of learning. Instruction will be delivered through a mixture of technology and virtual face-to-face instruction. **Students are required to virtually attend the first day of the semester to participate in Orientation, schedule and virtually meet with their instructor regularly during the semester according to the teacher's requirements to monitor progress, answer questions and support learning, and must attend on the last day of the semester to take the final exam.** The online curriculum of these courses will be delivered through APEX Learning. In the event that a student needs extra support, a subject-specific teacher will hold virtual office hours for tutoring weekly.

Students are required to attend Orientation and come prepared on the first day of each semester to schedule individual meetings with their teacher that will take place during each semester in which they are enrolled, and attend school on the last day of the semester to take the final exam. **THERE ARE NO EXCEPTIONS.** Should a student fail to meet with his/her teacher, the student will fail the course. **THERE ARE NO REFUNDS FOR FAILING A COURSE.**

Students may select a single semester for credit recovery. **Independent Learning courses are open to BHUSD AND Out of District Students.** Students can utilize BHUSD laptops. Students are responsible for arranging their own internet access in order to access Independent Learning courses.

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)

Semester 2 July 8 Orientation (time TBD), July 23 Final (time TBD)

All courses are UC and CSU approved but may not be NCAA approved. If you have questions or require more information, please email office@bhef.org for assistance.

Visual and Performing Arts

Music Appreciation

Grades: 9-12

Credits: 10

***INDEPENDENT LEARNING COURSE**

Music Appreciation introduces students to the history, theory, and genres of music, from the most primitive surviving examples through the classical to the most contemporary in the world at large. The course is offered in a two-semester format. The course explores the interface of music and social movements and examines how the emergent global society and the Internet bring musical forms together in new ways from all around the world.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements) and meets the UC VPA course requirement. According to the UC guidelines, students must be exposed to one year (i.e. 2 semesters) of VPA course content in the same arts discipline, but the semesters must be taken in sequence.

Length: Two Semesters (must take BOTH SEMESTERS)

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)

Semester 2 July 8 Orientation (time TBD), July 23 Final (time TBD)

Fee: \$880 for both semesters

Photography

Grades: 9-12

Credits: 5-10

***LIVE INSTRUCTION COURSE**

This course emphasizes the basic procedures involved in Digital Photography and Post-Processing digital images in Adobe Lightroom. Photos can be shot on digital cameras or iPhones. The history of photography will also be covered in the course. Students will maintain a digital portfolio of original artworks and a photo journal or reflective writing and critique.

Prerequisites: None

This course meets the UC VPA course requirement. According to the UC guidelines, students must be exposed to one year (i.e. 2 semesters) of VPA course content in the same arts discipline, but the semesters must be taken in sequence. Students wishing to take Semester 1, but not Semester 2, should contact BHEF at office@bhef.org for special arrangements.

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 9:00 am – 2:00 pm, 12 days, June 21 – July 7, Monday – Friday (No class July 5)

Semester 2 9:00 am – 2:00 pm, 12 days, July 8 – July 23, Monday – Friday

Fee: \$440 per semester

Fee: \$880 for both semesters

Photography Materials List

- Digital camera or Smartphone (iPhone, Android, etc.)
- A computer or laptop for equipped with Adobe Lightroom (BHUSD students equipped with BHUSD laptops can access Adobe Lightroom for free. Students using their own, non-BHUSD devices will need to purchase a subscription to Adobe Lightroom at <https://lightroom.adobe.com/>.)

English

Creative Writing

Grades: 11-12

Credits: 5

**INDEPENDENT LEARNING COURSE*

Creative Writing is a one-semester, 5-credit English elective course that focuses on the exploration of short fiction and poetry, culminating in a written portfolio that includes one revised short story and three to five polished poems. Students draft, revise, and polish fiction and poetry through writing exercises, developing familiarity with literary terms and facility with the writing process as they study elements of creative writing.

Prerequisites: *English 10*

This course is CSU and UC-approved (a-g subject requirements). This course qualifies for elective credit towards BHHS graduation.

Length: One Semester

Choose ONE:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)

Semester 2 July 8 Orientation (time TBD), July 23 Final (time TBD)

Fee: \$440 per semester

Finance

Personal Finance

Grades: 9-12

Credits: 5

**INDEPENDENT LEARNING COURSE*

This course presents essential knowledge and skills to make informed decisions about real-world financial issues. Students will learn the fundamentals of personal finance. Topics include aspects of money management including saving, borrowing, investing, and budgeting as well as planning for a strong financial future. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve financial success.

Prerequisites: *None*

This course is CSU and UC-approved (a-g subject requirements). This course qualifies for elective credit towards BHHS graduation and fulfills the BHUSD Financial Literacy graduation requirement beginning with the BHHS Class of 2024.

Length: One Semester

Choose ONE:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)

Semester 2 July 8 Orientation (time TBD), July 23 Final (time TBD)

Fee: \$440 per semester

Health

Health Education

Grades: 9-12

Credits: 5

***INDEPENDENT LEARNING COURSE**

Health Education is a one-semester, 5-credit course. Topics discussed are drug education, preventing disease, including heart disease and cancer, environmental health, emotional health, physical fitness, nutrition, and sex education, including venereal diseases.

Prerequisites: None

This course qualifies for elective credit towards BHHS graduation. This course fulfills the BHUSD Health graduation requirement.

Length: One Semester

Choose ONE:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)

Semester 2 July 8 Orientation (time TBD), July 23 Final (time TBD)

Fee: \$440 per semester

Mathematics

Algebra B

Grades: 9-12

Credits: 10

***INDEPENDENT LEARNING COURSE**

Algebra B addresses the need for an expanded, two-year treatment of traditional high school Algebra I curriculum. Course topics include a review of introductory algebra, measurement, graphing data, linear equations, systems of linear equations, polynomials, factoring of polynomials factoring of quadratic functions, and rational expressions.

Prerequisites: Algebra A with the Algebra A teacher recommendation.

This course is CSU and UC-approved (a-g subject requirements).

Length: Two Semesters (must take BOTH SEMESTERS)

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)

Semester 2 July 8 Orientation (time TBD), July 23 Final (time TBD)

Fee: \$880 for both semesters

Geometry

Grades: 9-12

Credits: 10

***LIVE INSTRUCTION COURSE**

This is two-semester, 10-credit course. Topics include proofs, congruencies, similarity, triangles, perpendiculars, parallels, coordinate geometry, transformations, circles, spheres, areas, and volumes. Algebraic techniques are used extensively and formal proofs of theorems are required. This is a rigorous course requiring several hours of homework each day, including weekends.

Prerequisites:

- For incoming 9th Grade Students: A or high B in 8th Grade Algebra

- For current High School Students: Completion of high school Algebra 1

This course is CSU and UC-approved (a-g subject requirements).

Length: Two Semesters (must take BOTH SEMESTERS)

Semester 1 9:00 am – 2:00 pm, 12 days, June 21 – July 7, Monday – Friday (No class July 5)

Semester 2 9:00 am – 2:00 pm, 12 days, July 8 – July 23, Monday – Friday

Fee: \$880 for both semesters

Honors Geometry **Grades: 9-12** **Credits: 10**

***LIVE INSTRUCTION COURSE**

This two-semester, 10-credit course is designed for students with strong interest and ability in math and/or science. This is not the Basic Geometry course offered at BHHS. Topics include proofs, congruencies, similarity, triangles, perpendiculars, parallels, coordinate geometry, transformations, circles, spheres, areas, and volumes. Algebraic techniques are used extensively and formal proofs of theorems are required. This is a rigorous course requiring several hours of homework each day, including weekends.

Prerequisites:

- For incoming 9th Grade Students: A or high B in 8th Grade Honors Algebra

- For current High School Students: A or high B in Algebra 1

This course is CSU and UC-approved (a-g subject requirements).

Length: Two Semesters (must take BOTH SEMESTERS)

Semester 1 9:00 am – 2:00 pm, 12 days, June 21 – July 7, Monday – Friday (No class July 5)

Semester 2 9:00 am – 2:00 pm, 12 days, July 8 – July 23, Monday – Friday

Fee: \$880 for both semesters

Pre-Calculus **Grades: 10-12** **Credits: 10**

***LIVE INSTRUCTION COURSE**

This two-semester, 10-credit class is designed for students with a strong interest in math and/or science, and is a prerequisite for AP Calculus AB. Topics include analytic trigonometry, sequences, series, math induction, algebraic functions, applications of exponential and logarithmic functions, conics, vectors, matrices, complex numbers, and data analysis. This is a rigorous class requiring several hours of homework each day, including weekends.

Prerequisites: Grade of B or better in both semesters of Algebra 2

This course is CSU and UC-approved (a-g subject requirements).

Length: Two Semesters (must take BOTH SEMESTERS)

Semester 1 9:00 am – 2:00 pm, 12 days, June 21 – July 7, Monday – Friday (No class July 5)

Semester 2 9:00 am – 2:00 pm, 12 days, July 8 – July 23, Monday – Friday

Fee: \$880 for both semesters

Science

Biology **Grades: 10-12** **Credits: 10**

***LIVE INSTRUCTION COURSE**

This course utilizes a dry-laboratory approach to introduce the student to the main concepts and principles of modern biology. Such topics as biochemistry, cell biology, physiology, reproduction, heredity and ecology are explored. Emphasis is placed not only on biological theories, but also on the evidence for such theories and the methods by which this evidence is gathered. This is a rigorous course requiring several hours of homework each day, including weekends.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements).

Length: Two Semesters (must take BOTH SEMESTERS)

Semester 1 9:00 am – 2:00 pm, 12 days, June 21 – July 7, Monday – Friday (No class July 5)

Semester 2 9:00 am – 2:00 pm, 12 days, July 8 – July 23, Monday – Friday

Fee: \$880 for both semesters

Chemistry **Grades: 10-12** **Credits: 10**

***INDEPENDENT LEARNING COURSE**

This 10-credit course is a dry laboratory-based, college-preparatory course designed to present an integrated and relevant approach to basic scientific principles regarding the nature and activity of matter. Areas studied are atomic structure, kinetic theory, the periodic table, the mole concept, chemical bonding, reaction rates, organic chemistry, and biochemistry. This is a rigorous course requiring several hours of homework each day, including weekends.

Prerequisites: *Grade of C or better in Biology, Algebra, and Geometry*

This course is CSU and UC-approved (a-g subject requirements).

Length: Two Semesters (must take BOTH SEMESTERS)

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)

Semester 2 July 8 Orientation (time TBD), July 23 Final (time TBD)

Fee: \$880 for both semesters

Physics **Grades: 10-12** **Credits: 10**

***INDEPENDENT LEARNING COURSE**

This course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, math for physics, energy, kinematics, force and motion, momentum, gravitation, chemistry for physics, thermodynamics, electricity, magnetism, waves, nuclear physics, quantum physics, and cosmology.

Prerequisites: *Grade C or better in Biology, Algebra, and Geometry*

This course is CSU and UC-approved (a-g subject requirements).

Length: Two Semesters (must take BOTH SEMESTERS)

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)

Semester 2 July 8 Orientation (time TBD), July 23 Final (time TBD)

Fee: \$880 for both semesters

Social Science/History

US History/Geography **Grades: 11-12** **Credits: 10**

***LIVE INSTRUCTION COURSE**

United States History/Geography begins with the establishment of European colonies in North America and then traces the nation's history from post-Civil War to the present. This course emphasizes the development of historical analysis skills such as comparing and contrasting, differentiating between facts and interpretations, considering multiple perspectives, and analyzing cause-and-effect relationships. These skills are applied to text interpretation and in written assignments that guide learners step-by-step through problem-solving activities.

Prerequisites: *None*

This course is CSU and UC-approved (a-g subject requirements).

Length: Two Semesters (must take BOTH SEMESTERS)

Semester 1 9:00 am – 2:00 pm, 12 days, June 21 – July 7, Monday – Friday (No class July 5)

Semester 2 9:00 am – 2:00 pm, 12 days, July 8 – July 23, Monday – Friday

Fee: \$880 for both semesters

World History/Geography**Grades: 10-12****Credits: 10*****LIVE INSTRUCTION COURSE**

This two-semester, 10-credit course emphasizes the major turning points that shaped the modern world, from the late 18th century through the present, including the cause and course of the two world wars. Students will draw upon their earlier study of ancient and medieval history to trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. Students will extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. This is a rigorous course requiring several hours of homework each day, including weekends, and is especially useful for students interested in taking AP European History.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements).

Length: Two Semesters (must take BOTH SEMESTERS)

Semester 1 9:00 am – 2:00 pm, 12 days, June 21 – July 7, Monday – Friday (No class July 5)

Semester 2 9:00 am – 2:00 pm, 12 days, July 8 – July 23, Monday – Friday

Fee: \$880 for both semesters

College Preparatory Electives

Information Technology Applications**Grades: 9-12****Credits: 5*****INDEPENDENT LEARNING COURSE**

Information Technology Applications is a one-semester, 5-credit course that prepares students to work in the field of Information Technology. Students will be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets, and database software. Through a series of hands-on activities, students will learn what to expect in the field of Information Technology and begin exploring career options in the field.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements). This course qualifies for elective credit towards BHHS graduation.

Length: One Semester

Choose ONE:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)

Semester 2 July 8 Orientation (time TBD), July 23 Final (time TBD)

Fee: \$440 per semester

Intro. to Business & Technology**Grades: 9-12****Credits: 10*****INDEPENDENT LEARNING COURSE**

Introduction to Business and Technology provides the foundational knowledge and skills students need for careers in business and technology. Throughout the course, students gain a knowledge of business principles and communication skills, an understanding of the impact of financial and marketing decisions, and proficiency in the technologies required by business. Students will also learn the essentials of working in a business environment, managing a business, and owning a business.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements). This course qualifies for elective credit towards BHHS graduation.

Length: Two Semesters (must take BOTH SEMESTERS)**Semester 1** June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$880 for both semesters****Legal Environment of Business****Grades: 9-12****Credits: 10*****INDEPENDENT LEARNING COURSE**

Legal Environment of Business examines the role of the law on all aspects of business ownership and management. Throughout the course, students focus on legal ethics, court procedures, torts, contracts, consumer law, property law, employment law, environmental law, and international law. Students also explore the impact of laws, regulations, and judicial decisions on society at large.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements). This course qualifies for elective credit towards BHHS graduation.

Length: Two Semesters (must take BOTH SEMESTERS)**Semester 1** June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$880 for both semesters****Principles of Information Technology****Grades: 9-12****Credits: 10*****INDEPENDENT LEARNING COURSE**

Principles of Information Technology prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets, and database software.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements). This course qualifies for elective credit towards BHHS graduation.

Length: Two Semesters (must take BOTH SEMESTERS)**Semester 1** June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$880 for both semesters**

Sociology**Grades: 9-12****Credits: 5*****INDEPENDENT LEARNING COURSE**

Sociology is a one-semester, 5 credit course which examines why people think and behave as they do in relationships, groups, institutions, and societies. Major course topics include individual and group identity, social structures and institutions, social change, social stratification, social dynamics in recent and current events, the effects of social change on individuals, and the research methods used by social scientists.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements). This course qualifies for elective credit towards BHHS graduation.

Length: One Semester

Choose ONE:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Classes for Credit Recovery ONLY**

These classes are for students who need to repeat a specific class to obtain credit in order to graduate. The classes must be recommended by the student's counselor.

All courses are UC and CSU approved but may not be NCAA approved. If you have questions or require more information, please email office@bhef.org for assistance.

If you are an Out-of-District student, please have the express approval of your school/counselor to take any of the classes listed below.

Algebra 1**Grades: 10-12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

Algebra I builds students' command of linear, quadratic, and exponential relationships. Course topics include problem-solving with basic equations and formulas, an introduction to functions, problem solving, linear equations, systems of linear equations, exponents and exponential functions, sequences and functions, descriptive statistics, polynomials and factoring, quadratic equations and functions, and function transformations and inverses.

Prerequisites: Please consult with your guidance counselor before registering to determine eligibility.

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semesters**

Algebra 2**Grades: 10-12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

Algebra II introduces students to advanced functions, with a focus on developing a strong conceptual grasp of the expressions that define them. Course topics include quadratic equations, polynomial functions, rational expressions and equations, radical expressions and equations, exponential and logarithmic functions, trigonometric identities and functions, modeling with functions, probability and inferential statistics, probability distributions, and sample distributions and confidence intervals.

Prerequisites: *Algebra 1 and Geometry. Please consult with your guidance counselor before registering to determine eligibility.*

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semesters****Geometry****Grades: 10-12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

Geometry builds upon students' command of geometric relationships and formulating mathematical arguments. Course topics include reasoning, proof, and the creation of sound mathematical arguments; points, lines, and angles; triangles and trigonometry; quadrilaterals and other polygons; circles; congruence, similarity, transformations, and constructions; coordinate geometry; three-dimensional solids; and applications of probability.

Prerequisites: *Completion of Algebra 1. Please consult with your guidance counselor before registering to determine eligibility.*

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semester**

Pre-Calculus**Grades: 10-12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

This class is designed for students with a strong interest in math and/or science, and is a prerequisite for AP Calculus AB. Topics include analytic trigonometry, sequences, series, math induction, algebraic functions, applications of exponential and logarithmic functions, conics, vectors, matrices, complex numbers, and data analysis. This is a rigorous class requiring several hours of homework each day, including weekends.

Prerequisites: *Grade of B or better in both semesters of Algebra 2*

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semesters****English 9****Grades: 10-12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

The English 9 course is an overview of exemplar selections of literature in fiction and nonfiction genres. Students read short stories, poems, a full-length novel, and a full-length Shakespeare play, analyzing the use of elements of literature in developing character, plot, and theme. Throughout the course, students respond to others' claims and support their own claims in essays, discussions, and presentations, consistently using thorough textual evidence.

Prerequisites: *None*

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semesters****English 10****Grades: 11-12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

The focus of the English 10 course is the writing process. Three writing applications guide the curriculum: persuasive, expository, and narrative writing. Each lesson culminates in a written assignment that allows students to demonstrate their developing skill in one of these applications. English 10 also continues to develop students' reading, listening, and speaking skills.

Prerequisites: *None*

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semesters**

English 11**Grades: 12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

In the English 11 course, students analyze a wide range of literature, both fiction and nonfiction. They build writing skills by composing analytical essays, persuasive essays, personal narratives, and research papers. In order to develop speaking and listening skills, students participate in discussions and prepare speeches.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semesters****Biology****Grades: 10-12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

This course utilizes a dry laboratory approach to introduce the student to the main concepts and principles of modern biology. Such topics as biochemistry, cell biology, physiology, reproduction, heredity and ecology are explored. Emphasis is placed not only on biological theories, but also on the evidence for such theories and the methods by which this evidence is gathered. This is a rigorous course requiring several hours of homework each day, including weekends. Students may select a single semester for credit recovery.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semesters****Chemistry****Grades: 10-12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

This 10-credit course is a dry laboratory-based, college-preparatory course designed to present an integrated and relevant approach to basic scientific principles regarding the nature and activity of matter. Areas studied are atomic structure, kinetic theory, the periodic table, the mole concept, chemical bonding, reaction rates, organic chemistry, and biochemistry. This is a rigorous course requiring several hours of homework each day, including weekends. Students may select a single semester for credit recovery.

Prerequisites: Grade of C or better in Biology, Algebra, and Geometry.

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semesters**

Environmental Science**Grades: 9-12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

Environmental Science explores the biological, physical, and sociological principles related to the environment in which organisms live on Earth, the biosphere. Course topics include natural systems on Earth, biogeochemical cycles, the nature of matter and energy, the flow of matter and energy through living systems, populations, communities, ecosystems, ecological pyramids, renewable and non-renewable natural resources, land use, biodiversity, pollution, conservation, sustainability, and human impacts on the environment.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semesters****Physics****Grades: 10-12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

This course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, math for physics, energy, kinematics, force and motion, momentum, gravitation, chemistry for physics, thermodynamics, electricity, magnetism, waves, nuclear physics, quantum physics, and cosmology.

Prerequisites: *Grade C or better in Biology, Algebra, and Geometry. Please consult with your guidance counselor before registering to determine eligibility.*

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semesters**

US History/Geography**Grades: 10-12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

United States History/Geography begins with the establishment of European colonies in North America and then traces the nation's history from post-Civil War to the present. This course emphasizes the development of historical analysis skills such as comparing and contrasting, differentiating between facts and interpretations, considering multiple perspectives, and analyzing cause-and-effect relationships. These skills are applied to text interpretation and in written assignments that guide learners step-by-step through problem-solving activities.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semesters****World History****Grades: 10-12****Credits: 5-10*****INDEPENDENT LEARNING COURSE****This course is for credit recovery only.**

This two-semester, 10-credit course emphasizes the major turning points that shaped the modern world, from the late 18th century through the present, including the cause and course of the two world wars. Students will draw upon their earlier study of ancient and medieval history to trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. Students will extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. This is a rigorous course requiring several hours of homework each day, including weekends. Students may select a single semester for credit recovery.

Prerequisites: None

This course is CSU and UC-approved (a-g subject requirements).

Length: One AND/OR Both Semesters

Choose ONE or BOTH SEMESTERS:

Semester 1 June 21 Orientation (time TBD), July 7 Final (time TBD)**Semester 2** July 8 Orientation (time TBD), July 23 Final (time TBD)**Fee: \$440 per semester****Fee: \$880 for both semesters**